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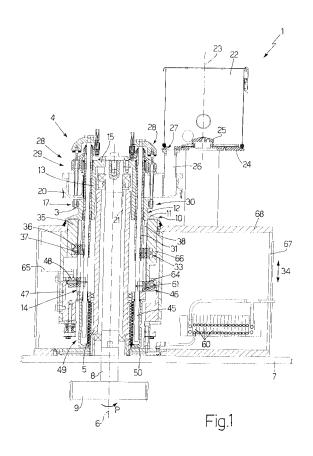
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(54) Machine for filling capsules with a product

(57) In a continuous machine for filling containers (3) with a product, each container (3) is fed along a given path (P) in time with a relative metering device (28), which withdraws the product from a tank (20), feeds the with-

drawn product into the container (3), and has a piston (63) moved with respect to a cylinder (39) by an actuating device (46) housed in a casing (67) located beneath said tank (20).





EUROPEAN SEARCH REPORT

Application Number EP 10 15 2327

A DE VE 6 * A DE 16 * fi A US 12 *	34 32 992 A1 (MG 2 March 1985 (1985-6) page 10, lines 27-3 page 11, lines 21,2 203 13 807 U1 (HOER RPACKUNG [DE]) November 2003 (2003 page 7, lines 1-7; 11 17 471 B (HOEF November 1961 (196 column 3, line 68 gure 1 * 5 111 642 A (CHIAF May 1992 (1992-05-Fig. 1 discloses a per part of the mace	23-28) 30 * 22; figures 1 EFLIGER HARRO 3-11-06) figures 1-3 IGER & KARG) 51-11-16) - column 4, 1 RI FRANCO [IT	* ine 1;]) ng the	1 1 1	INV. A61J3/07
A DE 16 * fi A US 12 *	RPACKUNG [DE]) November 2003 (2003) page 7, lines 1-7; 11 17 471 B (HOEFL November 1961 (196) column 3, line 68 - gure 1 * 5 111 642 A (CHIAN) May 1992 (1992-05- Fig. 1 discloses a	3-11-06) figures 1-3 IGER & KARG) 51-11-16) - column 4, l RI FRANCO [IT -12) casing housi	* ine 1;]) ng the	1	
16 * fi US 12 *	November 1961 (196 column 3, line 68 - gure 1 * 5 111 642 A (CHIAF May 1992 (1992-05- Fig. 1 discloses a	51-11-16) - column 4, l RI FRANCO [IT -12) casing housi	ine 1;]) ng the		
12	May 1992 (1992-05- Fig. 1 discloses a	-12) casing housi	ng the	1	
					TECHNICAL FIELDS SEARCHED (IPC)
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	e present search report has bee	· · · · · · · · · · · · · · · · · · ·		<u> </u>	
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	-				
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure		E: D: L:	theory or principle earlier patent doc after the filing dat document cited in document cited for member of the sa	shed on, or	

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 10 15 2327

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

24-10-2011

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 3432992	A1	28-03-1985	BR IT JP JP JP	8404494 1174815 1787099 4073531 60095327	B C B	06-08-198 01-07-198 10-09-199 24-11-199 28-05-198
DE 20313807	U1	06-11-2003	EP	1512632	A2	09-03-200
DE 1117471	В	16-11-1961	NONE			
US 5111642	Α	12-05-1992	DE	4102010	A1	30-07-199

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82